



SEQUENCE LISTING

<110> INTEL CORPORATION
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<120> CONTROLLED ALIGNMENT OF NANO-BARCODES ENCODING SPECIFIC INFORMATION
FOR SCANNING PROBE MICROSCOPY (SPM)

<130> INTEL1310-1 (P14240X)

<140> US 10/667,004

<141> 2003-09-19

<150> US 10/251,152

<151> 2002-09-20

<160> 26

<170> PatentIn version 3.1

<210> 1

<211> 30

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 1

Ala Ala Met Ala Ala Lys Ala Met Ala Ala Met Ala Lys Ala Val Ala
1 5 10 15

Met Ala Ala Lys Ala Val Ala Ala Met Ala Lys Ala Ala Ala
20 25 30

<210> 2

<211> 25

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 2

Gly Ala Leu Tyr Ala Met Ala Arg Ala Val His Ala Met Ala Glu Ala
1 5 10 15

Ala Cys Gln Ala Ala Trp Ala Met Gly
20 25

<210> 3

<211> 40

<212> DNA

<213> Artificial sequence
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 <223> Synthetic oligonucleotide
 <400> 3
 ttgggtacac ttacctggtgta cccaccccg agttaggggc 40

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 tggggcggag 70

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 ctccgccccca ctagtgtcga cctgcaggcg cgcgagctcc aatgggcgga caatggcaca 60

<210> 7
 <211> 70
 <212> DNA
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 attgagatgc 70

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 gcattctcaat cgtaatacaag gtcataagctg tttcctgtgt ttgcataactt ctgccattcg 60

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 cgaatggcag aagtatgcaa gaaattgtta tccgctcaca attccacaca atatacgagc 60
 tgctgggggag 70

 <210> 10
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 ctccccagca cggaagtata aagtgtaaaag cctgggggtgc ggatggggcgg aatgagactg 60

 <210> 11
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 a 61

 <210> 12
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tcgagagtac ttctagagcg gccgcggggc catcgatttt ccacccgggt ggggtaccag 60
gtaagtgtac ccaa 74

<210> 13
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<400> 13
ctcactaaag ggaacaaaag ctggagctcg cgcgcctgca ggtcgacact agtggatcca 60
aagaattcaa aaagcttc 78

<210> 14
<211> 74
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tggaattgtg agcggataac aatttcacac aggaaacagc tatgaccttg attacgcca 60
gctcgaaatt aacc 74

<210> 15
<211> 84
<212> DNA
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<400> 15
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tatacttccg gctcgatatat tgtg 84

<210> 16
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<400> 16

Gly Gly Gly Lys Gly Gly Gly Lys Gly Gly Gly Lys Gly Gly Gly Lys
1 5 10 15

Gly Gly Gly Lys Gly Gly Gly Lys Gly Gly Gly Lys Gly Gly Gly Lys
 20 25 30

<210> 17
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<220>
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<400> 17

Ala Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala Ala Ala Lys Ala Ala
 1 5 10 15

Ala Ala Ala Ala Lys Ala Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala
 20 25 30

Ala Ala Lys Ala Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala Ala Ala
 35 40 45

Lys

<210> 18
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<220>
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<400> 18

Gly Gly Gly Glu Gly Gly Gly Glu Gly Gly Gly Glu Gly Gly Gly Glu
 1 5 10 15

Gly Gly Gly Glu Gly Gly Gly Glu Gly Gly Gly Glu Gly Gly Gly Glu
 20 25 30

<210> 19
 <211> 42
 <212> PRT
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<220>
 <223> Synthetic peptide

<400> 19

Ala Ala Ala Ala Ala Glu Ala Ala Ala Ala Ala Glu Ala Ala Ala Ala
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Ala Glu Ala Ala Ala Ala Glu Ala Ala Ala Ala Glu Ala Ala
 20 25 30

Ala Ala Ala Glu Ala Ala Ala Ala Glu
 35 40

<210> 20
 <211> 63
 <212> PRT
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<220>
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<400> 20

Ala Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala Ala Lys Ala Ala
 1 5 10 15

Ala Ala Ala Ala Lys Ala Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala
 20 25 30

Ala Ala Lys Ala Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala Ala Ala
 35 40 45

Lys Ala Ala Ala Ala Ala Ala Lys Ala Ala Ala Ala Ala Ala Lys
 50 55 60

<210> 21
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<220>
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<400> 21

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 1 5 10 15

Lys Ala Ala Ala Lys Ala Ala Lys Ala Ala Ala Lys
 20 25

<210> 22
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<220>
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<400> 22

Lys Lys Lys Lys Lys Lys Lys
1 5

<210> 23

<211> 56

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 23

Ala Ala Ala Ala Ala Ala Glu Ala Ala Ala Ala Ala Ala Glu Ala Ala
1 5 10 15

Ala Ala Ala Ala Glu Ala Ala Ala Ala Ala Ala Glu Ala Ala Ala Ala
20 25 30

Ala Ala Glu Ala Ala Ala Ala Ala Ala Glu Ala Ala Ala Ala Ala Ala
35 40 45

Glu Ala Ala Ala Ala Ala Ala Glu
50 55

<210> 24

<211> 28

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 24

Ala Ala Glu Ala Ala Ala Glu Ala Ala Glu Ala Ala Ala Glu Ala Ala
1 5 10 15

Glu Ala Ala Ala Glu Ala Ala Glu Ala Ala Ala Glu
20 25

<210> 25

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 25

Glu Glu Glu Glu Glu Glu

1

5

<210> 26

<211> 28

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 26

Ala Ala Lys Ala Ala Ala Glu Ala Ala Lys Ala Ala Ala Glu Ala Ala
 1 5 10 15

Lys Ala Ala Ala Glu Ala Ala Lys Ala Ala Ala Glu
 20 25